

ABSTRACT OF THE DISCLOSURE

A protection method for manual ejection operation of optical disk drive is proposed. In the present method, a locked state is set when the optical disk drive is in normal rotation. The load-sensing switch would turn to the on position
5 (stage) when the optical disk is loaded in the tray and in the rotating state. When a manual ejection operation with manual ejection function is activated, the load-sensing switch would turn to the off position (stage). A controller senses the stage change from on position to off position. Then, the controller applies a voltage to the tray motor and the position of the load-sensing switch is returned
10 to the on position. Therefore, a locked state is maintained.